

I CLAIM:

1 1. A railroad box car comprising:
 2 a truck-carrying railroad chassis;
 3 walls on the chassis forming a closable longitudinally
 4 extending space, the walls each being formed of an inner skin, an
 5 outer skin, and a mass of cellular plastic foam between the skins
 6 bonded at least to an outer face of the respective inner skin;
 7 and
 8 means for conditioning air in the space.

1 2. The railroad box car defined in claim 1 wherein the
 2 walls include
 3 a horizontal floor,
 4 a pair of upright and transverse end walls,
 5 a pair of upright and longitudinal side walls each
 6 formed by two slidable doors, and
 7 a horizontal roof.

1 3. The railroad box car defined in claim 2 wherein
 2 each outer wall is spaced from the respective inner wall.

1 4. The railroad box car defined in claim 2 wherein the
2 doors are slidable longitudinally of the space.

1 5. The railroad box car defined in claim 4 wherein the
2 doors have lower edges provided with rollers and the box car
3 further comprises longitudinally extending tracks on which the
4 rollers ride.

1 6. The railroad box car defined in claim 5 wherein the
2 tracks are carried on the chassis below the floor.

1 7. The railroad box car defined in claim 6 wherein the
2 doors extend downward past the floor.

1 8. The railroad box car defined in claim 4 wherein the
2 doors have upper edges and the roof has tracks in which the upper
3 edges slide.

1 9. The railroad box car defined in claim 8 wherein the
2 door upper edges have inwardly angled extensions sliding on the
3 tracks.

1 10. The railroad box car defined in claim 4, further
2 comprising
3 latch means for arresting the doors relative to the
4 roof and floor.

1 11. The railroad box car defined in claim 10 wherein
2 the latch means seals with the roof.

1 12. The railroad box car defined in claim 2 wherein
2 the roof is formed by a longitudinally extending roof beam.

1 13. The railroad box car defined in claim 12 wherein
2 the roof beam is cambered.

1 14. The railroad box car defined in claim 13 wherein
2 the roof beam is shaped so as to urge the doors into closed
3 positions.

1 15. The railroad box car defined in claim 12 wherein
2 the roof beam is formed with air-flow passages connected to the
3 conditioning means.

1 16. The railroad box car defined in claim 4 wherein
2 the walls each comprise crosswise plastic struts holding the
3 inner and outer skins apart.

1 17. The railroad box car defined in claim 4, further
2 comprising
 seals on the end walls, roof, and floor engaging edges
of the doors in closed positions thereof.